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SEQUENCE LISTING

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<140> 10/511,270

<141> 2004-10-20

<150> PCT/JP03/05431

<151> 2003-04-28

<150> JP 2002-126107

<151> 2002-04-26

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<170> PatentIn version 3.3

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<212> DNA

<213> Homo sapiens

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ctacccccctg tgaccacccc cttcactgcc actgcagagg tggactatgg ggaaactgga	180
ggagaatctg cacaaactgg gcaccttccc cttccgaggc ttcgtgggtcc agggctccaa	240
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agtggagatg accgtcagca tggcccaggt cggggctgac gcggccatgg tggtgacccc	420
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Val Asp Ile Ala Gly Ile Tyr Pro Pro Val Thr Thr Pro Phe Thr Ala  
 35 40 45

Thr Ala Glu Val Asp Tyr Gly Lys Leu Glu Glu Asn Leu His Lys Leu  
 50 55 60

Gly Thr Phe Pro Phe Arg Gly Phe Val Val Gln Gly Ser Asn Gly Glu  
 65 70 75 80

Phe Pro Phe Leu Thr Ser Ser Glu Arg Leu Glu Val Val Ser Arg Val  
 85 90 95

Arg Gln Ala Met Pro Lys Asn Arg Leu Leu Leu Ala Gly Ser Gly Cys  
 100 105 110

Glu Ser Thr Gln Ala Thr Val Glu Met Thr Val Ser Met Ala Gln Val  
 115 120 125

Gly Ala Asp Ala Ala Met Val Val Thr Pro Cys Tyr Tyr Arg Gly Arg  
 130 135 140

Met Ser Ser Ala Ala Leu Ile His His Tyr Thr Lys Val Ala Asp Leu  
 145 150 155 160

Ser Pro Ile Pro Val Val Leu Tyr Ser Val Pro Ala Asn Thr Gly Leu  
 165 170 175

Asp Leu Pro Val Asp Ala Val Val Thr Leu Ser Gln His Pro Asn Ile  
 180 185 190

Val Gly Met Lys Asp Ser Gly Gly Asp Val Thr Arg Ile Gly Leu Ile  
 195 200 205

Val His Lys Thr Arg Lys Gln Asp Phe Gln Val Leu Ala Gly Ser Ala  
 210 215 220

Gly Phe Leu Met Ala Ser Tyr Ala Leu Gly Ala Val Gly Gly Val Cys  
 225 230 235 240

Ala Leu Ala Asn Val Leu Gly Ala Gln Val Cys Gln Leu Glu Arg Leu

245

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Cys Cys Thr Gly Gln Trp Glu Asp Ala Gln Lys Leu Gln His Arg Leu  
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Ile Glu Pro Asn Ala Ala Val Thr Arg Arg Phe Gly Ile Pro Gly Leu  
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Lys Lys Ile Met Asp Trp Phe Gly Tyr Tyr Gly Gly Pro Cys Arg Ala  
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 gcatgaacag cgctgccctc attcaccact acaccaaggt tgctgatctt tctccaatcc 480  
 cggtggtgct gtacagtgtc ccaggcaaca cgggtctaga gctgcctgtg gatgccgtgg 540  
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Tyr Pro Pro Val Thr Thr Pro Phe Thr Ala Thr Ala Glu Val Asp Tyr  
 35 40 45

Gly Lys Leu Glu Glu Asn Leu Asn Lys Leu Ala Ala Phe Pro Phe Arg  
 50 55 60

Gly Phe Val Val Gln Gly Ser Thr Gly Glu Phe Pro Phe Leu Thr Ser  
 65 70 75 80

Leu Glu Arg Leu Glu Val Val Ser Arg Val Arg Gln Ala Ile Pro Lys  
 85 90 95

Asp Lys Leu Leu Ile Ala Gly Ser Gly Cys Glu Ser Thr Gln Ala Thr  
 100 105 110

Val Glu Met Thr Val Ser Met Ala Gln Val Gly Ala Asp Ala Ala Met  
 115 120 125

Val Val Thr Pro Cys Tyr Tyr Arg Gly Arg Met Asn Ser Ala Ala Leu  
 130 135 140

Ile His His Tyr Tyr Lys Val Ala Asp Leu Ser Pro Ile Pro Val Val  
 145 150 155 160

Leu Tyr Ser Val Pro Gly Asn Thr Gly Leu Glu Leu Pro Val Asp Ala  
 165 170 175

Val Val Thr Leu Ser Gln His Pro Asn Ile Ile Gly Leu Lys Asp Ser  
 180 185 190

Gly Gly Asp Val Thr Arg Thr Gly Leu Ile Val His Lys Thr Ser Lys  
 195 200 205

Gln Asp Phe Gln Val Leu Ala Gly Ser Val Gly Phe Leu Leu Ala Ser  
 210 215 220

Tyr Ala Val Gly Ala Val Gly Gly Ile Cys Gly Leu Ala Asn Val Leu  
 225 230 235 240

Gly Ala Gln Val Cys Gln Leu Glu Arg Leu Cys Leu Thr Gly Gln Gly  
 245 250 255

Glu Ala Ala Gln Arg Leu Gln His Arg Leu Ile Glu Pro Asn Thr Ala  
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265

270

Val Thr Arg Arg Phe Gly Ile Pro Gly Leu Lys Lys Thr Met Asp Trp  
275 280 285

Phe Gly Tyr Tyr Gly Gly Pro Cys Arg Ala Pro Leu Gln Glu Leu Ser  
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Pro Ser Glu Glu Glu Ala Leu Arg Leu Asp Phe Ser Asn Asn Gly Trp  
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20 25 30

Gly Leu Glu Leu Pro Val Asp Ala Val Val Thr Leu Ser Gln His Pro  
35 40 45

Asn Ile Ile Gly Leu Lys Asp Ser Gly Gly Asp Val Thr Arg Thr Gly  
50 55 60

Leu Ile Val His Lys Thr Ser Lys Gln Asp Phe Gln Val Leu Ala Gly  
65 70 75 80

Ser Val Gly Phe Leu Leu Ala Ser Tyr Ala Val Gly Ala Val Gly Gly  
85 90 95

Ile Val Gly Leu Ala Asn Val Leu Gly Ala Gln Val Cys Gln Leu Glu  
100 105 110

Arg Leu Cys Leu Thr Gly Gln Gly Glu Ala Ala Gln Arg Leu Gln His  
115 120 125

Arg Leu Ile Glu Pro Asn Thr Ala Val Thr Arg Arg Phe Gly Ile Pro  
130 135 140

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Gly Leu Lys Lys Thr Met Asp Trp Phe Gly Tyr Tyr Gly Gly Pro Cys  
145 150 155 160

Arg Ala Pro Leu Xaa Glu Leu Ser Pro Ser Glu Glu Glu Ala Leu Arg  
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Leu Asp Phe Ser Asn Asn Gly Trp Leu Gln Ala Gly Asp Thr Trp Ser  
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Glu Leu Ser Gln Thr Leu Val Pro Thr Val  
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